

71007/137/USGO
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of ^{8/886044}
Apurba BHATTACHARJEE et al.
Serial No. ~~08/220,452~~ Group Art Unit: 1641
Filed: April 20, 1994 Examiner: S. Loring
For: VACCINE AGAINST GRAM-
NEGATIVE BACTERIAL INFECTIONS

AMENDMENT AND REQUEST FOR RECONSIDERATION
UNDER 37 CFR §1.111

RECEIVED

JUN 23 1998

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

In reply to the Office Action dated March 19, 1998, applicants request that the above-identified application be amended as follows:

IN THE CLAIMS

Please cancel claims 9, 11 and 18, and amend the remaining claims as follows:

1. ^{TWICE} (Thrice Amended) A vaccine, effective in actively [or passively] immunizing a subject against infection by heterologous Gram-negative bacteria or against lipopolysaccharide (LPS) endotoxin-mediated pathology by the production of an antibody, comprising a non-covalent complex between (i) purified, detoxified LPS endotoxin [devoid of O-oligosaccharide side chains] derived from *E. coli* J5 strain and (ii) a purified outer membrane protein (OMP) derived from *N. meningitidis*[, wherein the antibody produced by said vaccine is not bacteriocidal].